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Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Proposed Amended)   A method [[Method]] of recording multiple sets of broadcasted media data streams and programs on at least one non-transitory data carrier (20), comprising the steps of:

a) receiving in a receiver said multiple sets of broadcasted media data streams and programs over one or more data channels at different transmission frequencies,

b) manually programming one or more program timers indirectly via an EPG or directly for recording certain selected media data streams and programs from among the received multiple sets of broadcasted media data streams and programs to be recorded on the at least one data carrier in a timed recording sequence,

c) reading the settings of the one or more programmed program timers including the start and end time of each selected data stream and program,

reading program information regarding at least two different sets of data to be recorded on the at least one data carrier in a timed recording sequence, which information comprises the length of time used by each set of data when being played,

d) calculating the total recording length of all selected data streams and programs from the settings of the one or more program timers sets of data,

e) determining the available recording space on the at least one data carrier for all unrecorded selected data streams and programs sets of data of the timed recording sequence,

f) setting [[a]] the determined recording quality for all of said unrecorded selected data streams and programs sets of unrecorded data in the timed recording sequence so as to enable all of said unrecorded selected data streams and programs sets of data to be fitted to the available space,

g) recording a set of data comprising one of said selected data streams and programs with the set recording quality, [[and]]

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h) checking to determine if there are more unrecorded selected data streams
and programs to be recorded, and

i) repeating the steps (e) - (h) of determining, setting and recording for each set
of unrecorded data, until all unrecorded selected data streams and programs [[sets]] have been
recorded.

2.   (Original) Method according to claim 1, wherein the program information
concerning one set of data comprises a fixed recording quality, and the step of setting a
recording quality comprises setting the fixed recording quality to said one set of data and
setting a recording quality for the other sets of data such that said other sets of data can be
fitted to the available space.

3.   (Original) Method according to claim 1, further comprising the steps of
reading program information regarding another set of data not provided in the timed recording
sequence, determining whether the new set of data can be included in the timed recording
sequence at least with the lowest possible recording quality, and, if possible, including the
added set of data in the sequence.

4.   (Original) Method according to claim 1, further comprising the steps of
identifying a manual recording of a set of data on the at least one data carrier, determining
whether unrecorded sets of data in the timed recording sequence can be recorded with at least
the lowest possible recording quality on the at least one data carrier when the manual
recording has ended and changing the recording quality, if possible and necessary.

5.   (Original) Method according to claim 1, wherein the available recording
space is determined by a start marker and an end marker related to the at least one data carrier.

6.   (Original) Method according to claim 5, wherein the start marker is a
positional pointer and the end marker is an end of carrier marker.

7.   (Original) Method according to claim 5, wherein the start and end markers are
user defined start and end markers.

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8.   (Original) Method according to claim 5, further comprising the step of
changing the available recording space by moving the start marker.

9.   (Original) Method according to claim 1, further comprising the steps of
detecting the removal of program information relating to a set of data and repeating the steps
of determining, setting and recording for each set of unrecorded data for the remaining
unrecorded sets of data after said removal.

10.   (Original) Method according to claim 1, wherein the recording space of the at
least one data carrier where the timed recording sequence is to be stored comprises at least
one protected area splitting said available recording space into fragments, wherein the step of
setting a recording quality comprises adjusting the recording quality for unrecorded sets of
data to fit into the fragments and further comprises the step of selecting unrecorded sets of
data for storage in fragments having a large enough size.

11.   (Currently Amended) Device for recording multiple sets of data on at least one
data carrier (20) comprising:

          a recorder (16) arranged to record at least two sets of data on the at least one
data carrier,

          a storage medium controller (18) for receiving the at least one data carrier,

          at least one program timer (24, 26, 28) comprising <u>user supplied </u>program
information regarding at least two different sets of data, which information comprises the
length of time used by each set of data when being played, and

          a control unit (22) arranged to

                    read the program information regarding said at least two sets of data
which are to be recorded on said at least one data carrier in a timed recording sequence,

                    calculate the recording length of <u>said at least different</u>[[all]] sets of
data,

                    determine the available recording space on the at least one data carrier
for all unrecorded sets of data of the timed recording sequence,

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set a recording quality for all sets of unrecorded data in the timed

recording sequence so as to enable all sets of data to be fitted to the available space,

order the recorder to record a set of data with the set recording quality,

and

repeat the steps of determining, setting and ordering to record for each

set of unrecorded data, until all sets have been recorded.

12.   (Original) Device according to claim 11, further comprising a receiver (14)

for receiving media streams corresponding to sets of data to be recorded.

13.   (Original) Device according to claim 11, wherein the program information

concerning one set of data comprises a fixed recording quality, and the step of setting a

recording quality comprises setting the fixed recording quality to said one set of data and

setting a recording quality for the other sets of data such that said other sets of data can be

fitted to the available space.

14.   (Original) Device according to claim 11, wherein the control unit is further

arranged to read program information regarding another set of data not provided in the timed

recording sequence, and to determine whether the new set of data can be included in the timed

recording sequence, at least with the lowest possible recording quality, and to include the

added set of data in the sequence, if possible.

15.   (Original) Device according to claim 11, wherein the control unit is further

arranged to identify a manual recording by a user of a set of data on the at least one data

carrier, and to determine if unrecorded sets of data in the timed recording sequence can be

recorded with at least the lowest possible recording quality on the at least one data carrier

when the manual recording has ended and to change the recording quality, if possible and

necessary.

16.   (Original) Device according to claim 11, wherein the available recording

space is determined by a start marker and an end marker related to the at least one data carrier.

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17.   (Original) Device according to claim 16, wherein the start marker is a positional pointer and the end marker is an end of carrier marker.

18.   (Original) Device according to claim 16, wherein the start and end markers are user defined start and end markers.

19.   (Original) Device according to claim 16, wherein the control unit is further arranged to order the storage medium controller to move the start marker in order to change the available recording space.

20.   (Original) Device according to claim 11, wherein the control unit is further arranged to detect the removal of program information relating to a set of data from the program timer and to repeat the steps of determining, setting and recording for each set of unrecorded data for the remaining unrecorded sets of data after said removal.

21.   (Original) Device according to claim 11, wherein the recording space of the at least one data carrier where the timed recording sequence is to be stored comprises at least one protected area splitting said available recording space into fragments, and the control unit is further arranged to adjust, when setting a recording quality, the recording quality for unrecorded sets of data to fit into the fragments and to select unrecorded sets of data for storage in fragments having a large enough size.